Application (or	Docket	Number
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PATENT APPLICATION FEE DETERMINATION RECORD

Effective December 29, 1999

(Column 1) (Column 2)										ENTITY	OB	OTHER SMALL		
FC	R			R FILED	1	NUMBER		1	TYPE RATE	FEE	OR 1 I	RATE	FEE	ľ
BA	SIC FEE	i i								345.00			690.00	
	TAL CLAIMS			/ minus 2	I	Asia S	<u> </u>		X\$ 9=	040.00	OH		120.0	
											OR	X\$18=	158	
INDEPENDENT CLAIMS 3 minus 3 = *									X39=		OR	X78=	780	
MULTIPLE DEPENDENT CLAIM PRESENT											OR	+260=		
* If	the difference	TOTAL		OR	TOTAL	2208								
CLAIMS AS AMENDED - PART II											•	OTHER	THAN	
(Column 1) (Column 2) (Column 3) CLAIMS HIGHEST									SMALL	ENTITY	OR	SMALL	ENTITY	
AMENDMENT A		REMA AFI AMENI	INING ER	PC (A)	. N PRE	UMBER EVIOUSLY AID FOR	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE	F
NDN	Total	. 6	<u>/. </u>	Minus	**	61	=		X\$ 9=		OR	X\$18=		ರ
AME	Independent FIRST PRESE	* /	3 NOE MI	Minus	***	/3	=		X39=		OR	X78=		
-	TINOT FRESE	NIAHO	N OF WIC	DETIFIE DEF	ENDE	ENT CLAIM		<u>ا</u> ا	+130=		OR	+260=		P
					•	•			TOTAL			TOTAL		NA III
		(Colu	mn 1)		(Cc	olumn 2)	(Column 3)		ADDIT. FEE			ADDIT. FEE		8
AMENDMENT B	β	REMA	TER		HI N PRE	IGHEST UMBER EVIOUSLY AID FOR	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE	TO LE
MON	Total	• 5	Ċ	Minus	**	61	=		X\$ 9=		OR	X\$18=		1
ME	Independent	· /	1	Minus	***	13	=		X39=			X78=		1
/	FIRST PRESE	NTATIO	N OF MU	JLTIPLE DEF	PENDE	ENT CLAIM	<u> </u>]			OR	X, 0,-		ł
	,			·		•			+130=		OR	+260=		
									TOTAL ADDIT. FEE		OR	TOTAL ADDIT. FEE		
		(Colu				olumn 2)	(Column 3)							
AMENDMENT C		REMA	IMS INING TER DMENT		N PRE	IGHEST UMBER EVIOUSLY AID FOR	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE	
NDN	Total	٠ ح	, ф_	Minus	**	6/	=		X\$ 9=		OR	X\$18 ₹		1
AME	Independent	*	<u>6 </u>	Minus	***	()	=		X39=			X78= \		1
Ļ	FIRST PRESE	NTATIO	N OF MU	JLTIPLE DEF	PENDE	NT CLAIM		J ∤			OR		\	ł
***	f the entry in colur If the "Highest Nur If the "Highest Nu The "Highest Num	mber Prev mber Pre	iously Pa iously Pa	aid For" IN THIS aid For" IN THI	S SPAC S SPAC	CE is less tha	an 20, enter "20 an 3, enter "3."	,	+130= TOTAL ADDIT. FEE and in the ap	propriate bo		+260= TOTAL ADDIT. FEE lumn 1.		

99		Mark Control		33.00					<i>%):</i>	\mathcal{L}^{*} , \mathcal{L}^{*}	10.5	
	PATENT APPLICATION FEE DETERMINATION RECORD Effective October 1, 2000 Application or Docket Numbers Application or Docket Numbers											
. •		CLAIMS AS	PART	(Colur	nn 2)		SMALL ENTITY TYPE			OTHER THAN OR SMALL ENTITY		
TO	TAL CLAIMS						_	RATE FEE			RATE	FEE
FOF	3		NUMBER FI	LED	NUMBER EXTRA			BASIC FEE 355.00			BASIC FEE	710.00
TOT	TAL CHARGEA	BLE CLAIMS	minu	ıs 20=	•			X\$ 9=			X\$18=	
IND	EPENDENT CL	AIMS	min	us 3 =	•		-	X40=	·	OR OR	X80=	\dashv
MUI	TIPLE DEPEN	DENT CLAIM PF	RESENT	·			-					·
• H 1	the difference	in column 1 is I	ess than zer	o, ente	r "0" in d	olumn 2	L	+135=		OR	+270=	
•••			•					TOTAL	L	OR	TOTAL	TUAN
	D	(Column 1)	AMENDED - PART II (Column 2) (Column 3)					SMALL	ENTITY	OR	OTHER SMALL	1
AMENDMENT A		CLAIMS REMAINING AFTER AMENDMENT		HIGI NUN PREVI	HEST MBER HOUSLY DFOR	RRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
<u>M</u>	Total	. 20	Minus	* 6	1	=		X\$ 9=		OR	X\$18₹	
ME	Independent	· 8'	Minus	*** /	3	=		X40=		OR	V00	
4	FIRST PRESE	NTATION OF MU	JLTIPLE DEP	ENDEN	VT CLAIM \		. 	-		1	070	1
٠							L	+135= TOTAL	-	OR	TOTAL	
		(O.1)				10.1	Α	DDIT. FEE	<u> </u>	OR	ADDIT. FEE	
ENT B	e e	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		HIG NU PREV	umn 2) HEST MBER NOUSLY D FOR	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
NDW	Total	*	Minus	**		=		X\$ 9=		OF	X\$18=	*
AMENDM	Independent		Minus	***]=	1	X40=		OF	X80=	
L		NTATION OF M	ULTIPLE DEF	PENDE	NT CLAIN	1	1	+135=		OF		
	ř	-					4	TOTAL ODIT. FEE		OF	TOTA ADDIT. FE	L E
		(Column 1)	Lanca of the same		umn 2)	(Column 3)						
AMENDMENT C		CLAIMS REMAÏNING AFTER AMENDMENT		NU PRE	GHEST JMBER VIOUSLY ID FOR	PRESENT EXTRA		RATE	ADDI- TIONAI FEE		RATE	ADDI- TIONAI FEE
NDW	Total	•	Minus	**		=		X\$ 9=		OF	X\$18:	
AME	Independent		Minus	***		=		X40=	1	01	Ven	
IL	FIRST PRES	ENTATION OF M	IULTIPLE DE	PENDE	NT CLAI	M	Ł		1	┨ॅ	``	

Secretary Trade of the DEPARTMENT OF COMMERCE

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."

***If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3."

+135=

ADDIT. FEE

TOTAL

OR

OR

TOTAL ADDIT. FEE

PATENT APPLICATION FEE DETERMINATION RECORD Effective Clitican 1 2001 CLAIMS AS FILED - PART I SMALL ENTITY OTHER THAN TYPE SMALL ENTITY 成人的10000 OR (Column 2) **TOTAL CLAIMS** RATE FEE RATE FEE BASIC FEE 370.00 BASIC FEE 740.00 NUMBER EXTRA FOR 1. 中四、庄丰、《五 TOTAL CHARGEABLE CLAIMS n = 15 2]= X\$ 9= X\$18= OR rminilia Sila **NDEPENDENT CLAIMS** X42= X84= OR MULTIPLE DEPENDENT OF AIM PROFESSIO +140= +280= OR If the difference in column 1 is loss than zero enter "0" in column 2 TOTAL TOTAL OR OTHER THAN CLAIMS AS AMENDED - PART II OR SMALL ENTITY **SMALL ENTITY** (Column-3) (Column 1) ∍Column 2) HIGHEST ADDI-CLAIMS ADDI-NUMBER PRESENT AMENDMENT A REMAINING RATE TIONAL RATE TIONAL PREVIOUSLY AFTER **EXTRA** FEE FEE FAID FOR AMENDMENT X\$18= X\$ 9= Minus Total OR Independent Minus X42= X84= OR FIRST PRESENTATION OF MULTIPLE DEFENCENT CLAIM +280= +140= OR TÖTAL TOTAL OR ADDIT. FEE ADDIT. FEÉ (Column 3) olumn 21 (Column 1) CLAIMS HIGHEST -ADDI-ADDI-NUMBER PRESENT REMAINING TIONAL RATE TIONAL RATE PREVIOUSLY AFTER **EXTRA** FEE. **PAID FOR** FEE . AMENDMENT X\$18= Minus X\$ 9=Total OR Minus 13 Independent X84= X42 =OR FIRST PRESENTATION OF MULTIPLE DEFENDENT CLAIM +280= +140= OR TOTAL TOTAL OR ADDIT FEE ADDIT. FEE (Column 3) (Column 1) (Column 2) HIGHEST CLAIMS ADDI-ADDI-PRESENT NUMBER REMAINING TIONAL RATE TIONAL RATE PREVIOUSLY EXTRA. **AFTER** FEE PAID FOR FEE **AMENDMENT** 2 Minus

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20."

Minus

***If the "Highest Number Previo Pay Paid For" IN THIS SPACE is less than 3, enter "3." The 'Highest Number Previously Paid For' (Total or Independent) is the highest number found in the appropriate box in column 1.

OR

OR

OR

X\$ 9=

X42=

+140=

ADDIT, FEE

TOTAL

X\$18=

X84=

+280=

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									Application or Docket Number				
	PATENT APPLICATION FEE DETERMINATION RECORD Effective October 1, 2001												
	(Column 1) (Column 2)								NTITY	OTHER OR SMALL E			
TOTAL CLAIMS							RAT	E	FEE	l	RATE	FEE	
FC	PR		NUMBER F	FILED NUMBER EXTRA			BASIC	FEE	370.00	OR	BASIC FEE	74°.00	
ТС	TAL CHARGEA	BLE CLAIMS	min	us 20=	*		X\$ 9	—- Э=		OR	X\$18=		
INE	EPENDENT CL	AIMS	mir	nus 3 =	*		X42	<u></u>			X84=	-	
MU	ILTIPLE DEPEN	DENT CLAIM PI	RESENT				+140			OR OR	+280=		
* If	the difference	in column 1 is	less than ze	ro, ente	r "0" in c	olumn 2	TOT			OR	TOTAL		
	C	LAIMS AS A	MENDED	- PAR	TII		101		L	On	OTHER	THAN	
		(Column 1)		(Colu	mn 2)	(Column 3)	SMA	LL i	ENTITY	OR	SMALL		
AMENDMENT	7 <u>1.</u> 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	CLAIMS REMAINING AFTER AMENDMENT		NUM PREVI	HEST IBER OUSLY FOR	PRESENT EXTRA	RAT	Έ	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE	
N N	Total	· 25	Minus	** (1	=	X\$ 9)=		OR	X\$18=		
ME	Independent	* 7	Minus	***	13	=	X42			OR	X84=		
Ľ	FIRST PRESE	NTATION OF MI	JLTIPLE DEF	PENDEN	TCLAIM		. 140				1200-	•	
						•	+140)= TAL		OR	±280=		
					12		ADDIT.			OR	ADDIT. FEE	,ì	
Г		(Column 1) CLAIMS			mn 2) HEST	(Column 3)			4551				
MENT B		REMAINING AFTER AMENDMENT		NUM PREVI	BER OUSLY FOR	PRESENT EXTRA	RAT	E	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE	
S	Total	* 25	Minus	** (, [= /	X\$ 9	9=	1	OR	X\$18=	/	
AMEND	Independent	* 7	Minus	***	13	= (X42	<u></u> =		OR	X84=		
<u>L</u>	FIRST PRESE	NTATION OF MI	JETIPLE DEF	PENDEN	CLAIM		+140)=		OR	+280=		
2	4						TO ADDIT.	TAL FEE		OR	TOTAL ADDIT. FEE		
		(Column 1)		Name and Address of the Owner, where the Person of the Per	mn 2)	(Column 3)					-		
AMENDMENT C		CLAIMS REMAINING AFTER AMENDMENT		NUM PREVI	HEST MBER OUSLY FOR	PRESENT EXTRA	RAT	Έ	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE	
N N	Total	* 23	Minus	** 6	61	=	X\$ 9)=		OR	X\$18=		
AME	Independent	* 6	Minus	***	13	=	X42			OR	X84=		
Ľ	FIRST PRESE	NTATION OF M	ULTIPLE DEF	PENDEN	T CLAIM								
*	If the entry in colu	mn 1 is less than t	ne entry in colu	mn 2. writ	e "0" in co	lumn 3.	+140			OR	+280=		
**	If the "Highest Nu "If the "Highest Nu	mber Previously Panber Previou	aid For" IN THI aid For" IN THI	S SPACE S SPACE	is less that is less that	in 20, enter "20." an 3, enter "3."	ADDIT.			OR	TOTAL ADDIT. FEE		

BEST AVAILABLE COPY

PATENT APPLICATION FEE DETERMINATION RECORD

Effective January 1, 2003

Application or Docket Number

09/489954

		CLAIMS	45 FILED	- PART	l			SMALL	ENTITY		OTHE	R THAN
Ę	OTAL CLAIM		(Colun	nn 1) -	(Colu	mn 2)		TYPE		0		L ENTITY
┡		S		· · · · · · · · · · · · · · · · · · ·				RATE	FEE		RATE	FEE
F	OR		NUMBE	R FILED	NUMBI	ER EXTRA		BASIC F	EE \$37	5 0	R BASIC FE	E \$750
T	OTAL CHARGE	EABLE CLAIMS	n	ninus 20=	* [IF		X\$ 9=		0	7/2/2	
_	DEPENDENT			ninus 3 =	* /			X42=			`\	+
М	JLTIPLE DEPE	ENDENT CLAIM	PRESENT					.140			`	
* I	f the differenc	e in column 1 is	s less than :	zero, enter	"0" in co	olumn 2		+140=		OF		7/-1
	n k	LAIMS AS	•					TOTAL	· L	_lor		150
	KVV	(Column 1)	of a street of the	(Colum	nn 2)	(Column 3)		SMALL	ENTITY	OF		THAN P ENTITY
AMENDMENTA		CLAIMS REMAINING AFTER AMENDMENT		HIGHE NUMB PREVIO PAID F	ER USLY	PRESENT EXTRA		RATE	ADDI- TIONA FEE	,	RATE	ADDI- TIONAL FEE
ON.	Total	. 41	Minus	* 61		= /		X\$ 9=		OF	X\$18=	
AM	Independent FIRST PRES	ENTATION OF M	Minus	*** L		= .		X42=		OR	X84=	1 /
			OCTIFIC DE	FENDENT	CLAIN			+140=		OR	+280=	
					• 	·	L	TOTAL		OR	TOTAL	1
		. (Column 1)		(Colum	n 2) (Column 3)	Д	ODIT. FEE	<u> </u>		ADDIT. FEE	<u> </u>
AMENDMEN! B		CLAIMS REMAINING AFTER AMENDMENT		HIGHE NUMBI PREVIOU PAID FO	ER JSLY	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL
2	Total	*	Minus	**		=	Ī	X\$ 9=	1	OR	X\$18=	FEE
IME	Independent	*	Minus	***	j.	-	-	X42=	ļ	1 .		
	FIRST PRESE	NTATION OF M	JLTIPLE DE	PENDENT (CLAIM		-	742=		OR	X84=	
	· · · · · · · · · · · · · · · · · · ·							+140=		OR	+280=	
		70 - 1.					Α[TOTAL DDIT. FEE		OR	TOTAL ADDIT. FEE	
		(Column 1) CLAIMS		(Column		Column·3)	<u>.</u>				-	
		REMAINING AFTER AMENDMENT		NUMBE PREVIOU PAID FO	R I	PRESENT EXTRA		RATE	ADDI- TIONAL FEE		RATE	ADDI- TIONAL FEE
	Total	*	Minus	**	-			X\$ 9=		OR	. X\$18=	1-66
	Independent	*	Minus	***	=		-	X42=		1 1		
	FIRST PRESE	NTATION OF MU	ILTIPLE DEF	ENDENT C	LAIM		-	A-72=		OR	X84=	
· If	he entry in colur	nn 1 is less than the	e entry in colu	mn 2 write "^	" in colum	n 3		+140=		OR	+280=	· ·
. 11	ii ie mignest Nur	nber Previously Pai nber Previously Pa	id For" IN THIS	S SPACE is to	ee than 20	O enter "20 "	AD	TOTAL DIT. FEE		OR ,	TOTAL ODIT. FEE	
TI	e 'Highest Num	ber Previously Paid	For" (Total or	Independent)	is the hig	hest number	found	in the app	ropriate box	k in colu	ımn 1.	